

## **DRILL GRIPPING DEVICE AND METHOD**

### Abstract

A drill gripping device is shown with an inexpensive and compact design. In  
5 one embodiment, an inexpensive and more compact design is possible through the  
use of a single actuator with a single gripping portion of a drill gripping device.  
Embodiments of drill gripping devices shown are further reduced in price and size  
due to a force amplification device such as a camming arm. Alternatively, an  
increased gripping force is possible using an existing size actuator. A drill gripping  
10 device is shown with increased precision in gripping. A pair of gripping jaws are  
synchronized to improve jaw centering capabilities.